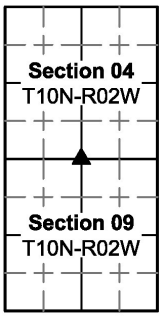
MONUMENT RECORD

Corner ID: **BeBl_K05**

Quarter Corner

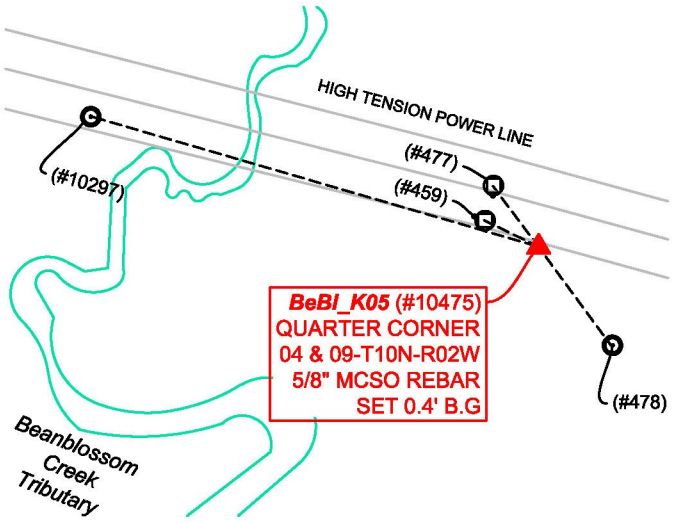
Sections 4 & 9- T10N-R02W, 2nd P.M.

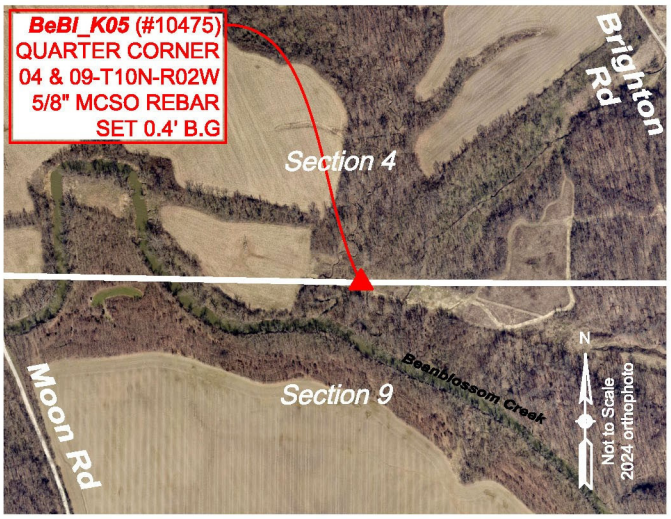
Bean Blossom Township, Monroe County, Indiana



MONUMENT: *Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)*
(#10475) 5/8" rebar (24" long) with 2" diameter aluminum cap inscribed MONROE COUNTY SURVEYORS OFFICE SHEPPARD PLS #20100021, set 0.4' below ground, in the hole formed from a found and removed, bent, 5/8" rebar found 0.4' above ground. The bent found removed rebar was between 2 limestones, loosely imbedded in the ground. The North stone being a 1.2' long by 0.5' wide by 0.3' thick limestone and the South stone being 0.8' long by 0.5' wide by 0.3' thick limestone, 1' west of a Sycamore land trust sign. It appears these stones are segments of 1 broken stone, lying relatively flat on the ground. The found and removed, bent rebar appears to be the rebar set by Jess Gwinn in survey by him recorded in instrument #2003030618 in the Monroe County Recorder's Office, RSID004161 in the Monroe County Surveyors Office, described as a 5/8" rebar set in the center of stone remnants.

MONUMENT LOCATION SKETCH:





WITNESS MONUMENT TIES: *Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with* a Sokkia Set 510 Total Station.

ID	*Bearing*	*Distance*	*Description*
(#459)	N64° 07'W	31.3'	Power pole with survey marker sign attached
(#477)	N36° 49'W	39.4'	Mag nail set 2' up South side Power pole

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting

(#478)	S36° 20' 39"E	63.79'	N:1485048.9473' E:3078272.1012' MCSO witness cap placed on found and reset bent 5/8" rebar, now 0.1' BG
(#10297)	N73° 45' 59"W	242.07'	N:1485168.0013' E:3078001.8738' Rebar Lite

OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph
501 N Morton Street Ste 205, Bloomington, IN 47404 • 812-349-2570 • surveyorsoffice@co.monroe.in.us

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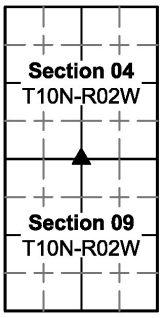

PHOTO IDENTIFIED: *Photo Date:* 05/09/2024

Photo Orientation & Description: From above

Photo Orientation & Description: From West looking East

EXISTING SURVEY HISTORY *Include as much detail and history of the corner as known at the time of perpetuation*

Species	*Dia.*	*Bearing*	*Distance*
Beech	12”	N86°W	9 Links
Beech	10”	N80°E	15 Links

Notes:

Species	*Dia.*	*Bearing*	*Distance*
Black Walnut	15”	N83°W	65 Links
Ash	8”	N25°W	28 Links

Notes:

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 *By:* William Harris Deputy Surveyor
Where filed or recorded: Original Notes, Page 259
Original monument: Post
Bearing Trees or Reference Monuments:

SUBSEQUENT CORNER RESTORATION:
None Found

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: December 14 & 15 *By:* M.H. Buskirk
Where filed or recorded: Legal Survey Book 2, Page 547
Original monument: Not Noted
Bearing Trees or Reference Monuments:

OTHER SURVEY HISTORY: *Include details such as surveyor name, date, recording info, monument description, etc.*

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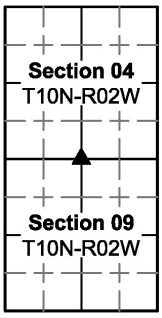

DocumentDate	SurveyID	Surveyor	Description	InstrumentNo
12/14/1897	RSID004154	Bowers, Charles	Legal Survey Book 2, Page 547.	
9/28/2003	RSID004161	Gwinn, Jess A.	Powell Boundary Survey	2003030618.IN
8/8/2014	RSID005433	Oser, Rachel	Martin Family Retracement Survey	2016011069.IN
12/20/2019	RSID003659	Knoy, Matthew M.	Martin Family Sliding Scale Subd. Final plat	2020002711.IN

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 02/13/24 &05/09/24 *By:* MES/JMG *Monument Found:* Broken stone and bent rebar *BTs or Reference Objects Found:* No, but references established *Project #:* 24-001 *Field Book:* 56, pages 1,38&39 *Notes:*

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

The corner is under a large power line and power line cut that runs east-west. We parked on the North side of the bridge over Bean Blossom creek on Moon Road and walked East to the corner. Readily visible occupation lines were not seen from the stone, though north bound fence remnants do exist north of the power line cut.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

We pulled the severely bent rebar found between the 2 stone pieces and set a straight one with aluminum cap in its place. GPS coordinates were established on the rebar. A survey marker sign was nailed to a power pole, 5' above ground, facing the monument. We located 2 power pole legs for visual references and a rebar lite and a rebar, within view of the monument, that could be used to reestablish its location should it become obliterated.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

The rebar and broken stone were found. The rebar was set by Jess Gwinn, in survey by him recorded in instrument #2003030618 in the Monroe County Recorder's Office, RSID004161 in the Monroe County Surveyors Office. Mr. Gwinn's report cites:

A 5/8" rebar with plastic ID cap was set flush at the southwest corner of the northeast quarter of Section 4. The rebar was set in the broken halves of a 4" x 6" stone found at this corner per survey 7. None of the accessories to the stone were found. The stone/rebar is 15 feet southwest of the centerline of the overhead electric transmission lines.

I agree that this likely is the stone set in Legal Survey Book 2, Page 547 (survey 7 in Mr. Gwinn's references). However, with the stone being broken and shallowly imbedded, it may not be in its original location, though based on other monuments and occupation lines in and around the Section, I see no more reliable evidence as to the original location of the corner. Though there is in my opinion an uncertainty of as much as 5' in its location, due to its disturbed condition.

GEODETIC COORDINATES: *Northing:1485100.3' Easting: 3078234.3'*

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from

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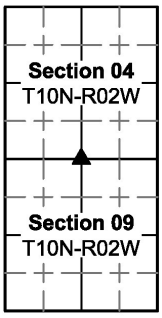

points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000041208.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 4 or 9 Township 10 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office.

CERTIFICATIONS:

Date: 1/21/2025

Michael E. Sheppard

State of Indiana

Professional Surveyor

No. 20100021

Date: 1/21/2025

Trohn Enright-Randolph

Monroe County Surveyor

Accepted by the Monroe County Surveyor Review Board on

1/21/2025